M. A. R. 57 (Rule 116) **No. D**

Measurement Book

347211

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:-	Improvements to concrete drain in gatepalya Shettyhalli In ward No.12 Shettyhalli Sub division					
	Estimated cost:-	10.00 Lakhs					
	Job code :-	012-20-000038					
	Administrative Approval:-	EE/DD/AS/76/20-21 dtd:- 05/06/2020					
	Technical Sanction:-	EE/DD/TS/86/20-21 dtd:- 28/08/2020					
	work order No:-	EE/DD/WO/5941/2019-20 date 28/03/2020					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 ABSTRACT	3	4	5	6	7	8
Sl.No	Description	Unit	Qty	Rate		Amount	
1	Removing BR slab of drain and stacking	Sqm	473.25	104.94		49662.86	
2	Earthwork Excavation by manual means of roads, drain & similar works in ordinary soil	Cum	360.45	137.80		49670.01	
3	Earth work Excavation by manual means for roads, drains & similar works and providing laying in position plain cement concrete mix 1:3:6 with opc	CUM	95.73	5714.97		547094.08	

M. A. R. 57 (Rule 116) No. D

Measurement Book

347212

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4	Providing and Laying Design mix M25 with opc cement @ 340 kgs with 20mm and down sized graded granite metal coarse aggregate		CUM	209.16		5775.38	1156000.06
5	Providing TMT Steel Reinforcement for RCC work Including straightening, Bending cutting.		MT	9.24		75223.96	695069.39
6	Providing and fixing precast RCC cover slabs of 100mm thick for drain		Sqm	567.90		1523.00	864911.70

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Sl.No	Description		Unit	Qty		Rate	Amount
7	providing and fixing Precast RCC slab of 250 mm thick for Culverts made of plain and Reinforced Cement Concrete design mix M25 with OPC 340 kgs with 20mm size		Sqm	5.00		3083.68	15418.40
8	Dismantling of Cement concrete Pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02cum in volume and stock piling at designated location as per direction of Eng. In charge of work		Cum	101.23		952.94	96466.12

M. A. R. 57 (Rule 116) No. D 347213

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				~~Qty~~	~~Rate~~	~~Amount~~	
9	Scarifying kankar/gravel/metal crust by mechanical means upto 150 mm thick disposal of 12 stuff including cost of all labour charges, tools etc		Sqm	1441.90	25.44	36681.94	
10	compaction of original ground by mechanical means including filling in depression occuring if during rolling and including cost of all labour, tools etc complete as per specification & direction of Engineer In-charge		Sqm	1589.40	6.36	10108.58	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Rate	Amount
11	Construction of granular sub base grading V as sub base and drainage layer by providing coarse graded crushed stone Aggregate of granite /trap/basalt material mixing in a mechanical mix plant at one carriage of mixed material to work site as per direction of Engineer Incharge	Cum	238.41			1994.92	475608.88
12	Cement concrete pavements providing and constructing dry lean cement concrete mix CC 1:5:10 base with opc 25mm and down size graded granite metal coarse Aggregate at 0.86 cum and FA @ 0.58 cum	Cum	238.41			3944.51	940410.63

M. A. R. 57 (Rule 116) No. D 347214

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Rate	Amount
13	Constructing Un-reinforced plain cement concrete for pavements using grade concrete M30 over a prepared base with opc CA at 0.69 cum FA @ 0.46 cum coarse and fine Aggregate conforming to IS:383-2016 with super plasticizer at 1% conforming IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher	Cum	201.60			5354.02	1079370.43

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Qty		Rate	Amount
11	Construction of granular sub base grading V as sub base and drainage layer by providing coarse graded crushed stone Aggregate of granite /trap/basalt material mixing in a mechanical mix plant at one carriage of mixed material to work site as per direction of Engineer Incharge	Cum	238.41			1994.92	475608.88
12	Cement concrete pavements providing and constructing dry lean cement concrete mix CC 1:5:10 base with opc 85mm and down size graded granite metal coarse Aggregate at 0.86 Cum and fA @ 0.58 cum	Cum	238.41			3944.51	940410.63

M. A. R. 57 (Rule 116) No. D 347214

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		
				Qty		Rate	Amount
13	Constructing Un-reinforced plain cement concrete for pavements using grade concrete M30 over a prepared base with opc CA at 0.69 cum FA @ 0.46 cum coarse and fine Aggregate conforming to IS:383-2016 with Super plasticizer 3% of its conforming IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher	Cum	201.60			5354.02	1079370.43

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14	Providing & fixing RCC Name board of size 1.35x10.60x0.04 mtr fixed Each 5,500.00 In reinforced Cement concrete pole of size 0.10x0.10x2.60mtrs In cement concrete M20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirrups. the board shall be provided with 12 mm thick Cement plates In Cement mortar 1:3 on both sides at the place Indicated by Eng Incharge of work	Each	3.00			5830.00	17490.00
							17490.00
						Total	6032963.87
						9% Tax	124075.57
						KPTCL 4%	241358.52
						Grand Total	6999397.16

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಪಿಟಿಸಿಎಲ್ ಉಪವಿಭಾಗ, ದಾವಣಗೆರೆ ವಲಯ
ಶಂಕರ ವಿದ್ಯಾಲಯದ ಹಿಂಭಾಗ, ದಾವಣಗೆರೆ

M. A. R. 57 (Rule 116) No. D 347215
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:- 1) certified that the Contractor has done work Satisfactorly. 2) The contractor has removed the debris from work site. 3 There is no any ext. materials issued to contractor.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಪಿಟಿಸಿಎಲ್ ಉಪವಿಭಾಗ, ದಾವಣಗೆರೆ ವಲಯ
ಶಂಕರ ವಿದ್ಯಾಲಯದ ಹಿಂಭಾಗ, ದಾವಣಗೆರೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ದಾವಣಗೆರೆ